

Title (en)

Spiro-imidazolones for treatment of diabetic complications.

Title (de)

Spiro-imidazolone für die Behandlung von diabetischen Komplikationen.

Title (fr)

Spiro-imidazolones pour le traitement des complications diabétiques.

Publication

**EP 0171213 A1 19860212 (EN)**

Application

**EP 85305115 A 19850718**

Priority

US 8401155 W 19840720

Abstract (en)

[origin: ES8604594A1] Spiro-imidazolone derivs. of formula (I) and their salts are new: X=O or S; Y=H, halo, or 1-4C alkyl; R=H, Me or Et. - 2Cpds. (I) viz. X=S, Y=H and R=H or Me. - Reaction is pref. in an inert solvent (pref. benzene or toluene) at 0 deg.C to reflux temp. The acid is pref. a Lewis acid conc. H<sub>2</sub>SO<sub>4</sub> or polyphosphoric acid.

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IPC 1-7

**C07D 495/10; C07D 491/10; A61K 31/415**

IPC 8 full level

**A61K 31/415** (2006.01); **C07D 333/24** (2006.01); **C07D 409/04** (2006.01); **C07D 491/10** (2006.01); **C07D 491/107** (2006.01); **C07D 495/10** (2006.01)

CPC (source: EP KR US)

**C07D 333/24** (2013.01 - EP US); **C07D 409/04** (2013.01 - EP US); **C07D 491/10** (2013.01 - EP US); **C07D 495/10** (2013.01 - EP KR US)

Citation (search report)

- [YD] US 4127665 A 19781128 - SARGES REINHARD, et al
- [Y] EP 0008229 A1 19800220 - PFIZER [US]
- [Y] AU 21968 B

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0171213 A1 19860212; EP 0171213 B1 19880921**; AT E37372 T1 19881015; AU 4518985 A 19860123; AU 553719 B2 19860724; CA 1246085 A 19881206; DE 3565106 D1 19881027; DK 329485 A 19860121; DK 329485 D0 19850719; EG 17281 A 19890630; ES 545353 A0 19860201; ES 8604594 A1 19860201; FI 80037 B 19891229; FI 80037 C 19900410; FI 861125 A0 19860318; FI 861125 A 19860318; GR 851763 B 19851126; HU 198212 B 19890828; HU T39087 A 19860828; IL 75801 A0 19851129; IL 75801 A 19880930; KR 860001114 A 19860222; KR 870000626 B1 19870326; PH 21886 A 19880325; PL 145598 B1 19881031; PL 254593 A1 19860617; PT 80829 A 19850801; PT 80829 B 19871130; US 4680306 A 19870714; WO 8600807 A1 19860213; ZA 855460 B 19870225

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